

Title (en)
Photopolymerizable composition.

Title (de)
Photopolymerisierbare Zusammensetzung.

Title (fr)
Composition photopolymérisable.

Publication
EP 0300410 B1 19941026 (EN)

Application
EP 88111530 A 19880718

Priority
• JP 4901788 A 19880302
• JP 14503788 A 19880613
• JP 18131787 A 19870721

Abstract (en)
[origin: EP0300410A2] A photopolymerizable composition comprising an addition polymerizable compound having at least one ethylenically unsaturated double bond and a photopolymerization initiator system, wherein the photopolymerization initiator system comprises: (a) at least one sensitizer selected from the group consisting of a compound of the formula: <CHEM> wherein ring A is a substituted or unsubstituted benzene or naphthalene ring, X is a bivalent atom or bivalent group, R<1> is an alkyl group, each of R<2> and R<3> is hydrogen, an alkyl group, an alkoxy group or an alkylthio group, or R<1> and R<2> bond to each other, and I is 0, 1 or 2, a compound of the formula: <CHEM> wherein R<1> and R<2> are as defined above, Ar is an aromatic group, and each of n and m is 0 or 1, a compound of the formula: <CHEM> wherein R<1>, R<2>, R<3>, ring A, X and I are as defined above, R<4> is hydrogen, an acetyl group or <CHEM> wherein R<1>, R<2>, R<3> and I are as defined above, and R<5> is an alkyl group, and a compound of the formula: <CHEM> wherein R<1>, R<2>, R<3>, X and I are as defined above, and (b) at least one activator capable of generating active radicals when irradiated in the presence of said sensitizer. f

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C08F 2/50; **G03C 1/72**

IPC 8 full level
C08F 2/50 (2006.01); **G03F 7/031** (2006.01); **G03F 7/20** (2006.01)

CPC (source: EP US)
C08F 2/50 (2013.01 - EP US); **G03F 7/031** (2013.01 - EP US); **Y10S 430/117** (2013.01 - EP US)

Cited by
US8632937B2; US5049481A; US2010291355A1; EP0889363A1; US5484927A; WO9321236A1; WO2007090550A1; US6861201B2

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